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|  | ey |
|  | Penetration Testing Report |
|  | 03/25/2016 |
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| Customer Information | | | | | |
| Company Name: |  | | | | | |
| City: |  | State: |  | Zip Code: |  | |
| URL: |  |  |  |  |  | |

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| Customer Contact Information | |
| Contact Name: | me |
| Title: |  |
| Telephone: |  |
| E-mail: |  |

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| Consultant Information | | | | | |
| Company Name: | EY | | | | |
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# Introduction

# Context and objectives

EY was responsible for conducting technical tests to evaluate the security level of . In this document, will be reported the results of audit tests through the enumeration of identified vulnerabilities and the specification of recommendations in order to mitigate the related risks.

## Scope and limits

EY was responsible for conducting technical tests to evaluate the security level of Portal and underlying IT infrastructure services accessible from the public networks at .

The objective of the intrusion tests is to assess the security level of the in scope perimeter towards external attacks. This evaluation involves the following steps:

* Mapping of the audited scope,
* Vulnerability discovery and its existence validation through exploitation tests,
* Identification and assessment of risks associated to these vulnerabilities,
* Proposal of action plan to cover the identified risks.

## Testing conditions

Penetration Test approach used:

* **Full Testing**

Or

* **Black Box**

Or

* **Grey Box**

Tested environment:

* **Production**

**Or**

* **Pre-Production**

The following logical accesses were provided by :

# Executive summary

The penetration test of had the objective of evaluating its level of security with respect to best practices and security standards. The audit, conducted from the Internet has put forward several observations:

* Point 1
* Point 2
* Point 3

However, EY was able to achieve the goals of the assessment and exfiltrate the targeted data. There were a number of critical findings during the assessment including the following:

|  |  |
| --- | --- |
| Finding Name | Risk |

MOAR STUFF

Therefore, we consider the level of security of this application insufficient because it has exploitable vulnerabilities that might have an impact on the confidentiality and integrity of the data it hosts.

The findings on the filtering mechanisms and access controls lead us to give a rating of **C**to

|  |
| --- |
| Graphe |

In conclusion :

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# Audit Methodology

## Types of test

The six types of test described below are different depending on the amount of information that the auditor has on the target and the knowledge possessed by the target on the auditor.

As part of the mission, purpose of this report, a specific methodology adapted to the context has been implemented inspired from several elements described below



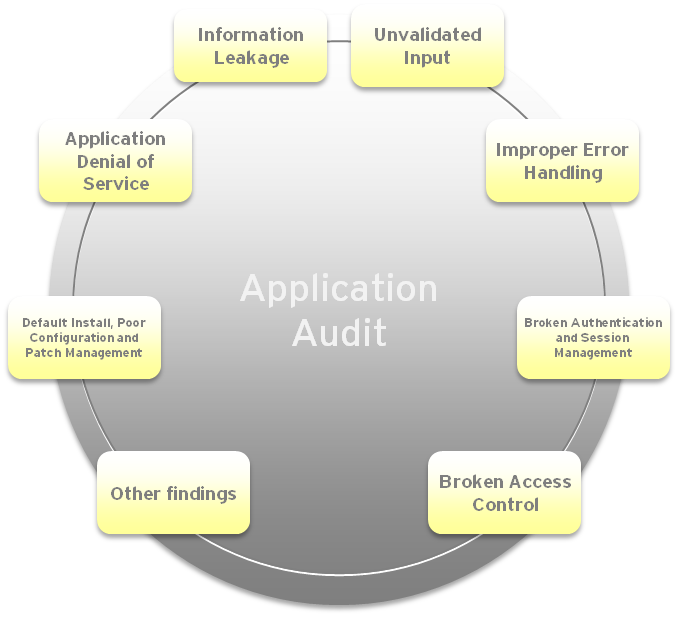
* **Blind**
* The auditor undertakes tests on the target with no prior knowledge of the security system, its components or its flows. The target is prepared to be audited while knowing in advance the details of this audit.
* **Double Blind**
* The auditor undertakes tests on the target with no prior knowledge of the security system, its components or its flows. The target is not notified in advance on the scope of this audit. Channels and vectors used for testing are also not announced.
* **Grey Box**
* The auditor undertakes tests on target with limited knowledge of the security system, its components and flows. The target is prepared to be audited while knowing in advance the details of this audit.
* **Double Grey Box**
* The auditor undertakes tests on target with limited knowledge of the security system, its components and has complete visibility of flows. The target is prepared to be audited while knowing in advance the details of this audit.
* **Tandem**
* The auditor and the target are prepared to audit and know in advance all the details of the audit.
* **Reversal**
* The auditor undertakes an audit of the target with full knowledge of all its processes and its operational security system. On the other hand, the target has no information on the nature of the tests or the date of their launches and how they are realized.

**Reference:**

* [OSSTMM 3](http://www.isecom.org/) The Open Source Security Testing Methodology Manual,
* [OWASP](https://www.owasp.org/index.php/OWASP_Testing_Guide_v4_Table_of_Contents) Testing Guide Methodology.

## Risk assessment methodology

Our evaluation methodology is based on eight application areas:



You will find below a preview (the listed items are not exhaustive) of controls for each area:

* **A1 - Unvalidated Input**
* Identification of parameters
* Inserting unexpected values (negative, zero ...) and unexpected parameters
* Parsing errors
* Reflected values
* Unsanitized input transmitted to other application layers
* **A2 - Broken Access Control**
* Identification of access profiles
* What screens are authenticated?
* Who has access to what screen?
* Evaluation of horizontal segregation
* Attempt to access the data of another user
* Evaluation of vertical segregation
* Elevation of privilege attempt
* Functionalities analysis (identification of all functions and sensitive functions)
* **A3 - Broken Authentication and Session Management**
* Identify the authentication method
* Presence of trivial account
* Password policy Analysis
* Analysis of password recovery
* Certificates Verification
* Tests of bypass replay
* Session Management (inactivity, multiple login, ...)
* **A4 - Improper Error Handling**
* Information disclosure through technical errors
* Faulty log management
* **A5 - Information Leakage**
* Technical information disclosure
* Local File Inclusion (LFI)
* Full Path Disclosure
* Secrets disclosure
* Passwords
* Encryption keys
* **A6 - Application Denial of Service**
* Resistance to Denial of Service
* Identifying points latency
* Stress testing simultaneously latency points
* Sending unexpected data
* Resistance to reverse engineering
* **A7 - Default Install, Poor Configuration and Patch Management**
* Known and published vulnerabilities
* Testing pages with vulnerable functions
* Defaults users and passwords
* **A8 - Other findings**
* Static Analysis (Hex Editor, configuration file, Decompilation)
* Dynamic Analysis (Debugger)

## Risk Metrics Rating

#### *CVSS Rating*

The vulnerability rating is based on the CVSS v2 standard. Please refer to [https://www.first.org/cvss/v2/guide](http://www.first.org/cvss/cvss-guide.html) for full details.

Only the base metric is evaluated.

#### EY Risk Rating Evaluation

The EY grading is based on the risk associated with the vulnerability defined by its impact and by the level of exploitability, and in some cases, based on the authentication and the location parameters.

For each vulnerability, we estimate a risk rating defined by all the previous criteria using the following method:

* **Risk = Impact \* Exploitability \* (Authentication + Location)**
  + Ex1: Risk1 = (Critical impact \* Difficult exploitability \* (Anonymous + distant) = C-High.
  + Ex2: Risk2 = (High impact \* Standard exploitability \* (Authenticated + Local) = B-Medium.

NB: In some cases, the two criteria: **Authentication** and **Location** may not have any repercussion upon the risk. If the application being tested is not accessible from the internet, the **location** parameter does not have any impact on the risk evaluation.

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| **D-Critical** | The risk associated with the vulnerability allows the total control of the system or the application. |
| **C-High** | The risk associated with the vulnerability allows partial control of the system or the application. |
| **B-Medium** | The risk associated with the vulnerability allows information disclosure which could facilitate advanced and targeted attacks. |
| **A-Low** | The risk associated with the vulnerability is very limited. It usually represents a lack of good practices follow-up, but doesn't have impacts on the company's stakes. |

#### Remediation effort

For each vulnerability identified, we estimate the ease of correction in order to correct or limit the vulnerability. We use the following possible values: Complex, Moderate, and Low. Below is a detailed description for each case.

|  |  |
| --- | --- |
| **Complex** | The correction of the identified vulnerability requires a complete modification of the code. This correction has an important impact on the system or the application audited. |
| **Medium** | The correction of the identified vulnerability requires some modification of the infrastructure supporting the application. Its impact needs to be identified in order to ensure that there will not be any side effects. |
| **Low** | The correction of the identified vulnerability requires a simple modification which will have little to no impact on the system or the application audited. |

#### Remediation Priority Level

For each vulnerability identified, we estimate the priority of remediation in order to correct or limit the vulnerability. We use the following possible values: Urgent, Standard, and Low. Below is a detailed description for each case.

|  |  |
| --- | --- |
| **Urgent** | The priority of remediation for the identified vulnerability requires a specific process besides the maintenance standard process. The correction of this vulnerability has to be immediate and treated as an important incident on the production platform. |
| **Standard** | The correction has to be integrated in the next release of the application/platform. |
| **Low** | The remediation priority is low and needs to be considered by the concerned teams. |

# Findings and Remediation:

## Full list of vulnerabilities:

| **EY reference** | **Title** | **Description** | **Severity** | **Location** | **Authentication** | **Host** | **Fix Status** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Tomcat Manager with Default or Blank Passwords |  | **C-High** | Network | None |  | KO |
|  | Tomcat Manager with Default or Blank Passwords |  | **C-High** | Network | None |  | KO |
|  | HTML form without CSRF protection |  | **B-Medium** | Network | None | / | KO |

Legend:

|  |  |
| --- | --- |
| **KO** | The fix in place does not correct the vulnerability or no patch has been applied. |
| **OK** | The fix implemented efficiently corrects the vulnerability. |
| **N/A** | No fix has been implemented. |

## Full list of remediation

| **EY reference** | **Title** | **Description** | **Severity** | **Remediation effort** | **Recommendation (summary)** | **Host** |
| --- | --- | --- | --- | --- | --- | --- |
|  | Direct Object References |  | **D-Critical** | Quick | Use per user or session indirect object references. This prevents attackers from directly targeting unauthorized resources. For example, instead of using the resource’s database key, a drop down list of six resources authorized for the current user could use the numbers 1 to 6 to indicate which value the user selected. The application has to map the per-user indirect reference back to the actual database key on the server.  Check access. Each use of a direct object reference from an untrusted source must include an access control check to ensure the user is authorized for the requested object. |  |
|  | Insecure Java RMI Endpoint |  | **D-Critical** | Quick |  |  |
|  | Unencrypted Backups Tapes (Storage Closet) |  | **D-Critical** | Quick |  |  |
|  | Tomcat Manager with Default or Blank Passwords |  | **C-High** | Quick | The default Tomcat account passwords should be configured with a strong pass phrase. The following guide lines can be used for creating a pass phrase:  Use alphanumeric, special characters and spaces to create the pass phrase  Use pass phrases at least 32 characters long  Change the pass phrase frequently  Do not reuse pass phrases |  |
|  | Tomcat Manager with Default or Blank Passwords |  | **C-High** | Quick | The default Tomcat account passwords should be configured with a strong pass phrase. The following guide lines can be used for creating a pass phrase:  Use alphanumeric, special characters and spaces to create the pass phrase  Use pass phrases at least 32 characters long  Change the pass phrase frequently  Do not reuse pass phrases |  |
|  | Weak SA Password on MSSQL Server |  | **C-High** | Quick | The default SA account should be disabled. It is recommended to use Windows Authentication. If this is not possible due to business reasons, the SA account should be configured with a strong password. The following guide lines can be used for creating a strong password:  Use alphanumeric, special characters and spaces  Use a password that is at least 32 characters long  Change the password frequently  Do not reuse previous passwords |  |
|  | HTML form without CSRF protection |  | **B-Medium** | Quick | Check if this form requires CSRF protection and implement CSRF countermeasures if necessary. | / |
|  | Cross Site Scripting (XSS) |  | **B-Medium** | Quick | The following is recommended to remediate XSS vulnerabilities:  Never trust user input  Never insert untrusted data except in allowed locations  HTML escape before inserting untrusted data into HTML element content  Use whitelists in place for Black lists for input filtering |  |
|  | Internal IP Address Disclosure |  | **B-Medium** | Quick | It is recommended that reconfigure their web servers to use the systems fully qualified domain name (FQDN). |  |
|  | Clickjacking: X-Frame-Options header missing |  | **A-Low** | Quick | Configure your web server to include an X-Frame-Options header. Consult Web references for more information about the possible values for this header. | Web Server |
|  | test1 |  | **A-Low** | Quick |  |  |
|  | newtest1 |  | **A-Low** | Quick |  |  |
|  | testcv |  | **A-Low** | Quick |  |  |

1. Detailed description of Vulnerabilities :

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Vulnerability** | Tomcat Manager with Default or Blank Passwords | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **C-High** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 7.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :None/UI :Required/S:Unchanged/C :High/I :High/A :High | | | | | | |
| **Description** | | | | | | | |
| The Tomcat account ${ACCOUNT\_NAME\_HERE} was found to be configured with a blank or default password. An adversary could use this account to gain access to the management interface and deploy a malicious web archive file (WAR) file and comprise the system. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| The default Tomcat account passwords should be configured with a strong pass phrase. The following guide lines can be used for creating a pass phrase:   * Use alphanumeric, special characters and spaces to create the pass phrase * Use pass phrases at least 32 characters long * Change the pass phrase frequently * Do not reuse pass phrases | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Vulnerability** | Tomcat Manager with Default or Blank Passwords | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **C-High** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 7.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :None/UI :Required/S:Unchanged/C :High/I :High/A :High | | | | | | |
| **Description** | | | | | | | |
| The Tomcat account ${ACCOUNT\_NAME\_HERE} was found to be configured with a blank or default password. An adversary could use this account to gain access to the management interface and deploy a malicious web archive file (WAR) file and comprise the system. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| The default Tomcat account passwords should be configured with a strong pass phrase. The following guide lines can be used for creating a pass phrase:   * Use alphanumeric, special characters and spaces to create the pass phrase * Use pass phrases at least 32 characters long * Change the pass phrase frequently * Do not reuse pass phrases | | | | | | | |

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| **Vulnerability** | HTML form without CSRF protection | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **B-Medium** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 4.3 | | | | | | |
| **CVSS Vector** | AV:Network/AC :Low/PR :None/UI :Required/S:Unchanged/C :None/I :Low/A :None | | | | | | |
| **Description** | | | | | | | |
| <div class="coolbox"><font color="dark">This alert may be a false positive, manual confirmation is required.</font></div><br/>  Cross-site request forgery, also known as a one-click attack or session riding and abbreviated as CSRF or XSRF, is a type of malicious exploit of a website whereby unauthorized commands are transmitted from a user that the website trusts.  <br/><br/>Acunetix WVS found a HTML form with no apparent CSRF protection implemented. Consult details for more information about the affected HTML form. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| Check if this form requires CSRF protection and implement CSRF countermeasures if necessary. | | | | | | | |

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| **Vulnerability** | Cross Site Scripting (XSS) | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **B-Medium** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :None/UI :Required/S:Unchanged/C :None/I :None/A :None | | | | | | |
| **Description** | | | | | | | |
| The OWASP guide [1] gives the following description for Cross-Site Scripting:  Cross-Site Scripting (XSS) attacks are a type of injection, in which malicious scripts are injected into otherwise benign and trusted web sites. XSS attacks occur when an attacker uses a web application to send malicious code, generally in the form of a browser side script, to a different end user. Flaws that allow these attacks to succeed are quite widespread and occur anywhere a web application uses input from a user within the output it generates without validating or encoding it.  An attacker can use XSS to send a malicious script to an unsuspecting user. The end user’s browser has no way to know that the script should not be trusted, and will execute the script. Because it thinks the script came from a trusted source, the malicious script can access any cookies, session tokens, or other sensitive information retained by the browser and used with that site. These scripts can even rewrite the content of the HTML page. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| The following is recommended to remediate XSS vulnerabilities:   * Never trust user input * Never insert untrusted data except in allowed locations * HTML escape before inserting untrusted data into HTML element content * Use whitelists in place for Black lists for input filtering | | | | | | | |

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| **Vulnerability** | Direct Object References | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **D-Critical** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :None/UI :Required/S:Unchanged/C :None/I :None/A :None | | | | | | |
| **Description** | | | | | | | |
| The OWASP guide [1] gives the following description for Insecure Direct Object Reference:  Applications frequently use the actual name or key of an object when generating web pages. Applications do not always verify the user is authorized for the target object. This results in an insecure direct object reference flaw. Testers can easily manipulate parameter values to detect such flaws and code analysis quickly shows whether authorization is properly verified. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| Use per user or session indirect object references. This prevents attackers from directly targeting unauthorized resources. For example, instead of using the resource’s database key, a drop down list of six resources authorized for the current user could use the numbers 1 to 6 to indicate which value the user selected. The application has to map the per-user indirect reference back to the actual database key on the server.  Check access. Each use of a direct object reference from an untrusted source must include an access control check to ensure the user is authorized for the requested object. | | | | | | | |

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| **Vulnerability** | Clickjacking: X-Frame-Options header missing | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **A-Low** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :None/UI :Required/S:Unchanged/C :None/I :None/A :None | | | | | | |
| **Description** | | | | | | | |
| Clickjacking (User Interface redress attack, UI redress attack, UI redressing) is a malicious technique of tricking a Web user into clicking on something different from what the user perceives they are clicking on, thus potentially revealing confidential information or taking control of their computer while clicking on seemingly innocuous web pages. <br/><br/>  The server didn't return an X-Frame-Options header which means that this website could be at risk of a clickjacking attack. The X-Frame-Options HTTP response header can be used to indicate whether or not a browser should be allowed to render a page inside a frame or iframe. Sites can use this to avoid clickjacking attacks, by ensuring that their content is not embedded into other sites. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| Configure your web server to include an X-Frame-Options header. Consult Web references for more information about the possible values for this header. | | | | | | | |

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| **Vulnerability** | test1 | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **A-Low** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :Low/UI :Required/S:Unchanged/C :None/I :None/A :None | | | | | | |
| **Description** | | | | | | | |
|  | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
|  | | | | | | | |

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| **Vulnerability** | newtest1 | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **A-Low** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0.0 | | | | | | |
| **CVSS Vector** | AV:Local/AC :High/PR :Low/UI :Required/S:Unchanged/C :None/I :None/A :None | | | | | | |
| **Description** | | | | | | | |
|  | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
|  | | | | | | | |

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| **Vulnerability** | Internal IP Address Disclosure | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **B-Medium** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0 | | | | | | |
| **CVSS Vector** | AV:/AC :/PR :/UI :/S:/C :/I :/A : | | | | | | |
| **Description** | | | | | | | |
| While reviewing 's web server, web servers were discovered to disclose the system's internal IP address via the Content-Location header. The disclosure of the systems internal IP address gives an adversary an indication of how the internal network my be addressed. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| It is recommended that reconfigure their web servers to use the systems fully qualified domain name (FQDN). | | | | | | | |

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| **Vulnerability** | Weak SA Password on MSSQL Server | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **C-High** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0 | | | | | | |
| **CVSS Vector** | AV:/AC :/PR :/UI :/S:/C :/I :/A : | | | | | | |
| **Description** | | | | | | | |
| Microsoft SQL server comes with a built in System Administrator (SA) account. By default the SA account has full privileges. During the assessment the SA account was found to have a default password of SA or blank. An adversary can use this account to gain administrator level access to the database and can lead to a potential comprise of the system. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
| The default SA account should be disabled. It is recommended to use Windows Authentication. If this is not possible due to business reasons, the SA account should be configured with a strong password. The following guide lines can be used for creating a strong password:   * Use alphanumeric, special characters and spaces * Use a password that is at least 32 characters long * Change the password frequently * Do not reuse previous passwords | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Vulnerability** | Insecure Java RMI Endpoint | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **D-Critical** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0 | | | | | | |
| **CVSS Vector** | AV:/AC :/PR :/UI :/S:/C :/I :/A : | | | | | | |
| **Description** | | | | | | | |
| The following server endpoints use an insecure Java RMI endpoint allowing for unauthenticated remote code execution.  Quoting the exploit discussion from [1], the default configuration of the RMI Registry and RMI Activation services, which allow loading classes from any remote (HTTP) URL. As it invokes a method in the RMI Distributed Garbage Collector which is available via every RMI endpoint, it can be used against both rmiregistry and rmid, and against most other (custom) RMI endpoints as well. Note that it does not work against Java Management Extension (JMX) ports since those do not support remote class loading, unless another RMI endpoint is active in the same Java process.  RMI method calls do not support or require any sort of authentication. | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
|  | | | | | | | |

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| **Vulnerability** | Unencrypted Backups Tapes (Storage Closet) | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **D-Critical** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0 | | | | | | |
| **CVSS Vector** | AV:/AC :/PR :/UI :/S:/C :/I :/A : | | | | | | |
| **Description** | | | | | | | |
| During the physical component of the assessment the consultant identified unencrypted backups stored in an unlocked closet. This could allow an attacker to steal thousands of <<Super Secret datas>>.  This is a critical risk to any organization. The references discussion outlines examples of this issue from the real world. | | | | | | | |
| Impact | | | | | | | |
| The following pictures show the backup tape storage: | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
|  | | | | | | | |

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| **Vulnerability** | testcv | | | | | **ID** | 2015T114R-12 |
| **Brief Description** | | | | | | | |
| A Clickjacking vulnerability was detected. | | | | | | | |
| **Risk** | **A-Low** | | **Category** | |  | | |
| **Assets** |  | | | | | | |
| **CVSS** | 0 | | | | | | |
| **CVSS Vector** | AV:/AC :/PR :/UI :/S:/C :/I :/A : | | | | | | |
| **Description** | | | | | | | |
|  | | | | | | | |
| Impact | | | | | | | |
|  | | | | | | | |
| **Recommendation** | | | | | | | |
| **Urgency** | |  | | **Complexity** | | Quick | |
|  | | | | | | | |